CLAIMS

1. A fastener having fixing means attached thereto and tape (4, 30a, 31a, 32a, 33a) to be secured to a securement subject (25), wherein

an identification medium (20) is attached at a position of the tape (4, 30a, 31a, 32a, 33a) to be covered with the securement subject (25).

2. The fastener according to claim 1, wherein the identification medium (20) is a radio IC chip, and an antenna (21) or a signal line (23) connected to the radio IC chip are attached to the fastener.

3. The fastener according to claim 2, wherein the antenna (21) or the signal line (23) is woven or knitted in the tape (4, 30a, 31a, 32a, 33a).

4. The fastener according to claim 2, wherein the antenna (21) or the signal line (23) is pasted to, bonded to, fused with, printed on or embedded in the tape (4, 30a, 31a, 32a, 33a).

5. The fastener according to any one of claims 2 to 4, wherein the antenna (21) or the signal line (23) is formed in a core thread (11) of the slide fastener (1).

6. The fastener according to claim 5, wherein an electrically conductive fiber material (12) is used as part of fibers constituting the core thread (11).

7. The fastener according to claim 2, wherein the antenna (21) or the signal line (23) is formed in a fastener element

(14) of the slide fastener (1), and the fastener element (14) is formed by bending a conductive resin monofilament.

8. A fastener having fixing means attached thereto and tape (4, 30a, 31a, 32a, 33a) to be secured to a securement subject (25), the fastener comprising:

an identification medium (20) attached to the fastener; and

an antenna (21) or a signal line (23) disposed continuously in the longitudinal direction of the tape (4, 30a, 31a, 32a, 33a), wherein

the identification medium (20) is a radio IC chip, and

the radio IC chip is connected with the antenna (21) or the signal line (23).

9. The fastener according to claim 8, wherein the antenna (21) or the signal line (23) is woven or knitted in the tape (4, 30a, 31a, 32a, 33a).

10. The fastener according to claim 8, wherein the antenna (21) or the signal line (23) is pasted to, bonded to, fused with, printed on or embedded in the tape (4, 30a, 31a, 32a, 33a).

11. The fastener according to any one of claims 8 to 10, wherein the antenna (21) or the signal line (23) is formed in a core thread (11) of the slide fastener (1).

12. The fastener according to any one of claims 8 to 10, wherein the antenna (21) or the signal line (23) is formed in

a fastener element (14) of the slide fastener (1), and the fastener element (14) is formed by bending a conductive resin monofilament.

13. A slide fastener having a fastener tape (4) to be secured to a securement subject (25), wherein an identification medium (20) is attached in the vicinity of an end stop (5, 6, 15) of the fastener tape (4).

14. The fastener according to claim 13, wherein the identification medium (20) is a radio IC chip, and the antenna (21) or the signal line (23) connected to the radio IC chip is attached to the fastener.

15. The slide fastener according to claim 14, wherein the antenna (21) or the signal line (23) connected to the radio IC chip (20) is woven or knitted in the fastener tape (4).

16. The fastener according to claim 14, wherein the antenna (21) or the signal line (23) is pasted to, bonded to, fused with, printed on or embedded in the fastener tape (4).

17. The slide fastener according to any one of claims 14 to 16, wherein the antenna (21) or the signal line (23) connected to the radio IC chip (20) is formed in a core thread (11) of the slide fastener (1).

18. The slide fastener according to claim 17, wherein an electrically conductive fiber material (12) is used for part of fibers constituting the core thread (11).

19. The slide fastener according to any one of claims 14

to 16, wherein the antenna (21) or the signal line (23) connected to the radio IC chip (20) is formed in a fastener element (14) of the slide fastener (1), and the fastener element (14) is formed by bending a conductive resin monofilament.

20. A slide fastener having a fastener tape (4) to be secured to a securement subject (25), wherein an identification medium (20) is attached to an end stop (5, 6, 15) of the slide fastener (1).

21. The slide fastener according to claim 20, wherein the identification medium (20) is incorporated in the end stop (5, 6, 15).

22. The slide fastener according to claim 20, wherein the identification medium (20) is attached to the end stop (5, 6, 15) detachably.

23. The slide fastener according to any one of claims 20 to 22, wherein the end stop is a top end stop (5).

24. The slide fastener according to any one of claims 20 to 22, wherein the end stop is a bottom end stop (6).

25. The slide fastener according to any one of claims 20 to 22, wherein the end stop is a separable bottom end stop (15).

26. A fastener having fixing means attached thereto and a tape (4, 30a, 31a, 32a, 33a) to be secured to a securement subject (25), wherein an identification medium (20) is attached to the fixing means.

27. A slide fastener having a fastener tape (4) to be

secured to a securement subject (25), wherein an identification medium (20) is attached to a fastener element (14).

28. A slide fastener having a fastener tape (4) to be secured to a securement subject (25), wherein an identification medium (20) is attached to a slider (2).

29. The slide fastener according to claim 28, wherein the identification medium (20) is incorporated in the slider (2).

30. The slide fastener according to claim 28, wherein the identification medium (20) is attached to the slider (2) detachably.

31. A slide fastener having a fastener tape (4) to be secured to a securement subject (25), wherein an identification medium (20) is attached to an ornament member (19) which is detachably attached to a pull tab (3).

32. A fastener having fixing means attached thereto and a tape (4, 30a, 31a, 32a, 33a) to be secured to a securement subject (25), the fastener including:

an identification medium (20) which is a radio IC chip; and

a power source battery (22) and an antenna (21) to be connected to the radio IC chip.

33. The fastener according to claim 32, wherein the radio IC chip (20) and/or the power source battery (22) are/is attached to the tape (4, 30a, 31a, 32a, 33a) detachably.

34. The fastener according to claim 32 or 33, wherein

the fastener has the fastener tapes (4) which make a pair of right and left ones for opening/closing in the right/left direction, and the separable bottom end stop (15),

the radio IC chip (20) is attached to one tape (4) while the power source battery (22) of the radio IC chip (20) is attached to the other tape (4), and

a switch for connecting/disconnecting the radio IC chip (20) and the power source battery (22) by engagement/disengagement operations of the separable bottom end stop (15).

35. A fastener including:

an identification medium (20) which is a radio IC chip; and

a shielding material for shielding communication with the radio IC chip.

36. The fastener according to claim 35, wherein the shielding material shields the antenna (21) connected to the radio IC chip (20).

37. The fastener according to claim 35 or 36, the fastener having a tape (4, 30a, 31a, 32a, 33a) to be secured to a securement subject (25).

38. A surface fastener having engaging faces capable of engaging with/disengaging from each other in an opposing condition, wherein an identification medium (20) is disposed between the engaging faces and covered.

39. The surface fastener according to claim 38, wherein the identification medium (20) is a radio IC chip, and the surface fastener for covering the radio IC chip has a shielding material for shielding communication with the radio IC chip.

40. A securement subject on which a fastener having an identification medium (20) attached thereto is secured, wherein the identification medium (20) is a radio IC chip, the securement subject having an antenna (21) or a signal line (23) electrically connected with the radio IC chip.

41. The securement subject according to claim 40, wherein a conductive material (13) or an electrically conductive fiber material (12) is disposed in the tape (4) of the fastener (1),

various kinds of sensors (28) are attached on the securement subject (25), and

the various kinds of sensors (28) and the antenna (21) or the signal line (23) are electrically connected to the radio IC chip (20) via the electrically conductive material (13) or the electrically conductive fiber material (12) disposed in the tape (4).

42. A securement subject on which a fastener having an identification medium (20) attached thereto is secured, wherein the identification medium (20) is a radio IC chip, the securement subject having a shielding material for covering the securement subject with the radio IC chip, and shielding communication with the radio IC chip.

43. The securement subject according to claim 42, wherein the fastener has an antenna (21) connected to the radio IC chip (20), and the securement subject (25) includes a shielding material (45) for covering the antenna (21).

44. A fastener to which an identification medium (20) is attached detachably.

45. The fastener according to claim 44, which is a snap fastener.

46. The fastener according to claim 44, which is a rail fastener.

47. The fastener according to claim 44, which is a buckle.

48. The fastener according to claim 44, which is a cord stopper.

49. The fastener according to claim 44, which is a swivel.

50. The fastener according to claim 44, which is a snap button.

51. The fastener according to claim 44, which is a slide fastener.

52. The fastener according to claim 44, which is a surface fastener.

53. The fastener according to claim 44, which is a belt adjuster.